

"Express Mail" Label No. EV 530 891 358 US  
Date of Deposit April 22, 2005

PATENT  
Docket No.: 015389-002616US  
Client Ref. No.: 018/210C

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

By: Chris Duan  
Chris Duan

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Thomas R. Cech et al.

Application No.: 09/721,506

Filed: November 22, 2000

For: NUCLEIC ACIDS ENCODING  
HUMAN TELOMERASE  
REVERSE TRANSCRIPTASE  
AND RELATED HOMOLOGS  
HAVING TELOMERASE  
ACTIVITY

Examiner: Sisson, Bradley L.

Art Unit: 1634

COMMUNICATION

Mail Stop: RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication accompanies a request for continued examination of the above-captioned patent application. Applicants request the amendment filed December 24, 2004 be entered. In addition, Applicants submit herewith two (2) terminal disclaimers referred to at page 7 of that amendment. One disclaimer refers to copending application No. 10/054,295. The second disclaimer refers to prior U.S. Pat. Nos. 6,261,836 and 6,475,789.

Thomas R. Cech et al.  
Application No.: 09/721,506  
Page 2

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-462-5330.

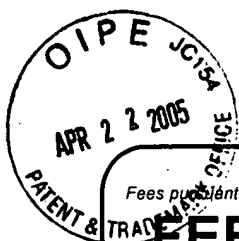
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Randolph Ted Apple", with a long horizontal stroke extending to the right.

Randolph Ted Apple  
Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
Fax: (415) 576-0300  
RTA:sej

60474507 v1



Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1500)

**Complete if Known**

Application Number	09/721,506
Filing Date	November 22, 2000
First Named Inventor	Cech, Thomas
Examiner Name	Sisson, Bradley L.
Art Unit	1634
Attorney Docket No.	015389-002616US

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**      **Multiple Dependent Claims**

\_\_\_\_\_ -20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_      **Fee (\$)**      **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_\_ -3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets**      **Extra Sheets**      **Number of each additional 50 or fraction thereof**      **Fee (\$)**      **Fee Paid (\$)**

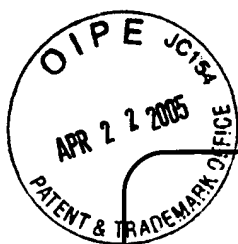
\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification,	\$130 fee (no small entity discount)	
Other: Request for Continued Examination:	\$790	
Petition for Extension of Time - 2 months	\$450	
Terminal Disclaimer (x 2)	\$260	1500

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	36,429	Telephone	650-326-2400
Name (Print/Type)	Randolph Ted Apple			Date	22 April 2005



4-25-05

PCE  
THW

PTO/SB/21 (09-04)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

11

Application Number

09/721,506

Filing Date

November 22, 2000

First Named Inventor

Cech, Thomas

Art Unit

1634

Examiner Name

Sisson, Bradley L.

Attorney Docket Number

015389-002616US

**ENCLOSURES (Check all that apply)**Fee Transmittal Form - 1 pg  
in duplicate (2 pgs total)

Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request - (1 pg)



Express Abandonment Request



Information Disclosure Statement

Certified Copy of Priority  
Document(s)Reply to Missing Parts/ Incomplete  
ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence AddressTerminal Disclaimer - Two Terminal  
Disclaimers, 2 pgs each (4 pgs total)

Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

Request for RCE (1 pg);

Communication Regarding Terminal  
Disclaimers (2 pgs); and  
Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit  
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Randolph Ted Apple

Date

April 22, 2005

Reg. No.

36,429

**CERTIFICATE OF TRANSMISSION/MAILING**

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Signature

Typed or printed name

Chris Duan

Date

04/22/2005